84

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GenCore version 5.1.3

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OM nucleic - nucleic search, using sw model

Run on: February 3, 2003, 10:45:43; Search time 11 Seconds (without alignments)
4.357 Million cell updates/sec

Title: US-09-540-209B-4084
Perfect score: 1641
Sequence: 1 tggaaaattgataatagaga.....acggacctctgcctttttaa 1641
Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0
Searched: 14 segs, 14603 residues
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Minimum DB Maximum DB

seq length: 0 seq length: 2000000000

Total number of hits satisfying chosen parameters:

28

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

6110705.seq:*

SUMMARIES

c 28	27	26	0 25	24		c 22	7.2		· -	c 18		16	1.5	· j	c 13		- j	10	o V		c 7	ıo	ı U	0	· w	2		No.	+
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28	19	28	28	28	20	19	19	309	19	993	795	309	20	7502	1356	1065	1065	993	930	930	795	795	795	744	744	7502	1356	Length	
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<u> </u>	4-189-	-68	4-189-	-444-189-	4-189-	- 1		1		9-2	89-1	-444-189-	-68	-68	44-18	-68	-68	89-2	89-1	89-1	US-08-444-189-15	1-68	89-1	9-1	-444-189-1	က္	US-08-444-189-7	ID	
Sequence 5, Appli	3, App	5, App	Sequence 4, Appli	4	@ □	@ ₽	2, 2	13	3, 2	21,	ш	e 13	<u>, </u>		7	9.	و,	21	19	19,	Sequence 15, Appl	15	e 11,	e 17,	e 17,	Φ σ	quence 7,	ription	

ALIGNMENTS

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                                                                   Query Match 0.9%; Sometime 0.9%; Sometime 100.0%; Figure 14; Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA.
ZIP: 22046-0747
CONPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MCDIUM TYPE: Floppy disk
MCDIUM TYPE: PC-DOS/MS-DOS
MCDIUM TYPE: PC-DOS/MS-DOS
MCDIUM TYPE: TANASE #1.0, '
                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 1356 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 248345
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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1006 TACTTGCAGTTGAT 1019
                       1102 TACTTGCAGTTGAT 1115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 301 A.
CITY: Falls Church
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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FILING DATE: 07-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                             STRAIN: GO/86 serotype D ( trachoma biovar ) IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                              MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 12
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-241-1300
TELEFAX: 703-241-2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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ADDRESSEE: BIRCH, ST
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                                                                                                                                                          NAME/KEY:
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COUNTRY:
                                                                                                                                                                                                              CLONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/07/661,820 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/07/991,512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                                                              ORGANISM:
                                                                                                                                                                                                           PUC8-pGO plasmid, ATCC 68314
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                                                                                                                                                                                                                                                                                                DNA (genomic)
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TRACHOMATIS SEROTYPE D, ITS GENES AND PROTEINS ENCODED
THEM: RECOMBINANT PLASMIDS FOR THE EXPRESSION OF SAID
GENES IN HETEROLOGOUS SYSTEMS, PREPARATION OF SAID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         23
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                                                                                   Score 14;
Pred. No.
                                                                    Mismatches
                                                                                   DB 1; Length 1356; 0.12;
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                                                                    Indels
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US-08-444-189-6
                    US-08-444-189-17
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                                        RESULT 3
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Sequence 17, Application US/08444189
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Best Local
                                                                                                                                                         Matches
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                                                                                   2134 TACTTGCAGTTGAT 2147
                                                                                                                     1102 TACTTGCAGTTGAT 1115
                                                                                                                                                                                                                                                    IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                       ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 7502 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 12
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-241-1300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 07-FEB-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                   TOPOLOGY: circular MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/180,528
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APPLICANT: Giuliani, Marzia M.
TITLE OF INVENTION: pCTD PLASM
TITLE OF INVENTION: TRACHOMATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                      Local Similarity
les 14; Conserv
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CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                       STRAIN:
                                                                                                                                                                                                                                                                                       ORGANISM:
                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Svensson, Leonard R. REGISTRATION NUMBER: 30,33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: IT M
FILING DATE: 07-FEB-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/07/661,820 FILING DATE:
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GO/86 serotype D ( trachoma biovar )
                                                                                                                                                                                                                                                                                                                                                                                                                                                      703-241-2848
                                                                                                                                                      Conservative
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                                                                                                                                                                  0.9%; Score 14;
100.0%; Pred. No.
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TRACHOMATIS SERCTYPE D, ITS GENES AND PROTEINS ENCODED BY
THEM; RECOMBINANT PLASMIDS FOR THE EXPRESSION OF SAID
GENES IN HETEROLOGOUS SYSTEMS, PREPARATION OF SAID
23
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                                                                                                                                                  Mismatches
                                                                                                                                                                  DB 1;
. 0.12;
                                                                                                                                                  0;
                                                                                                                                                                                Length 7502;
                                                                                                                                                Indels
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                                                                   Matches
                                                                                                   Query Match
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GENERAL INFORMATION:
APPLICANT: Ratti, Giulio
                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                 OKGANISM: Chlamydia trachomatis STRAIN: GO/86 serotype D ( trachoma biovar ) IMMEDIATE SOURCE:
                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                      MOLECULE TYPE: ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AFFILIANTE: 07-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
30.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 12
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-241-1300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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                                 923 AAAAAATCAA 932
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
 39
                                                                                 Local Similarity
                                                                                                                                                                    NAME/KEY:
                                                                                                                                                                                                 CLONE: pUC8-pGO plasmid, ATCC 68314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                      LOCATION:
                                                                                                                                                                                                                                                                                                                  LENGTH: 744 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 703-
TELEX: 248345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 301 N. Washington Street
CITY: Falls Church
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: IT M
FILING DATE: 07-FEB-1991
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AAAAAATCAA 48
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                                                                 Conservative
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                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                  DNA (genomic)
                                                                            0.6%; Score 10; DB 1; Length 744; 100.0%; Pred. No. 13;
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TRACHOMATIS SERCTYPE D, ITS GENES AND PROTEINS ENCODED BY
THEM; RECOMBINANT PLASMIDS FOR THE EXPRESSION OF SAID
GENES IN HETEROLOGOUS SYSTEMS, PREPARATION OF SAID
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                                                               Mismatches
                                                               Indels
                                                            0;
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; Sequence 17, Application US/08444189

US-08-444-189-17/c